

FIGURE 1

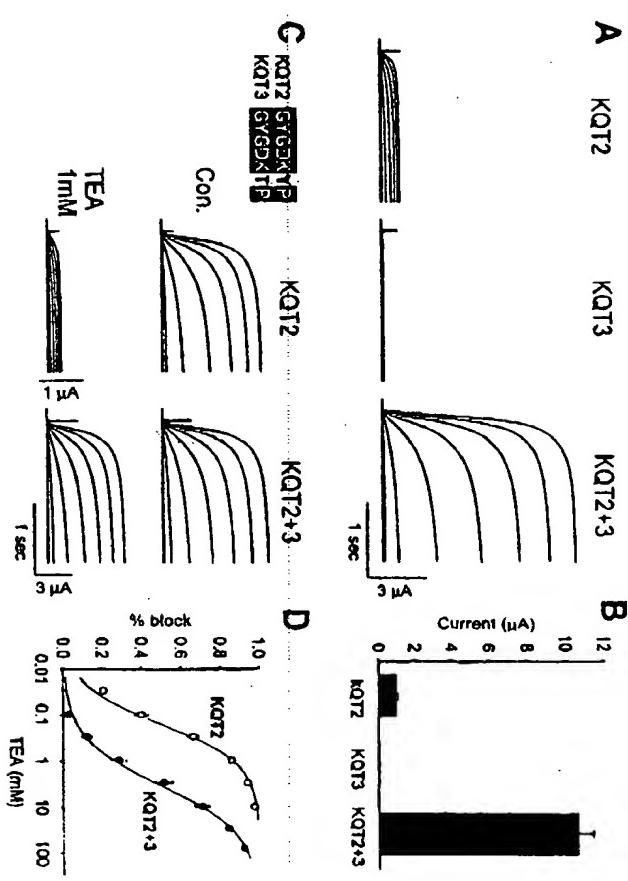
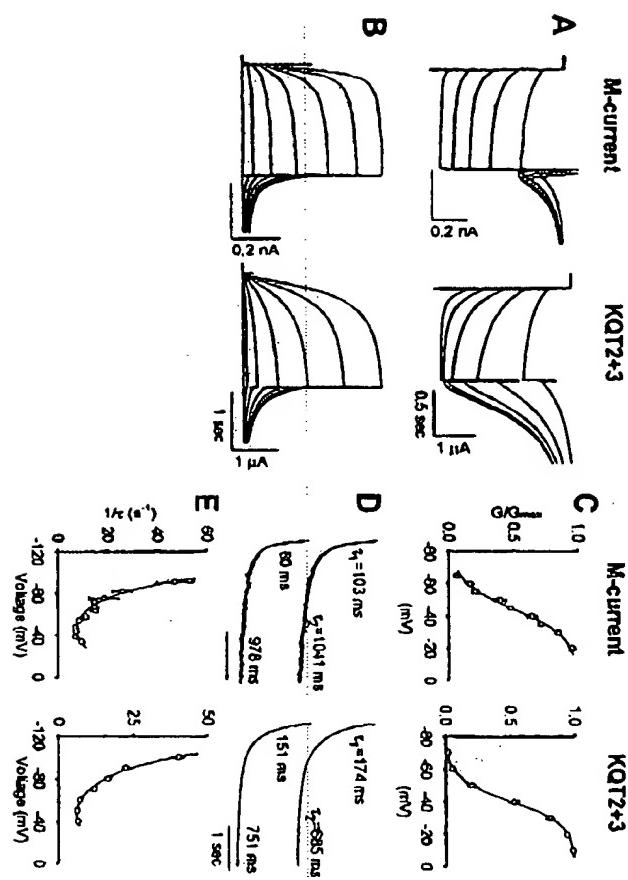


FIGURE 2



**FIGURE 3**

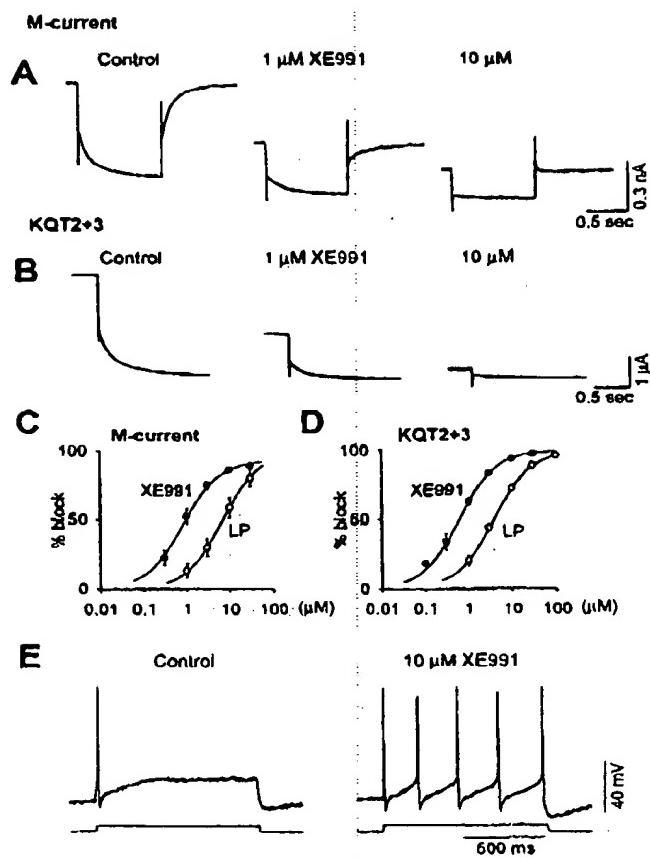
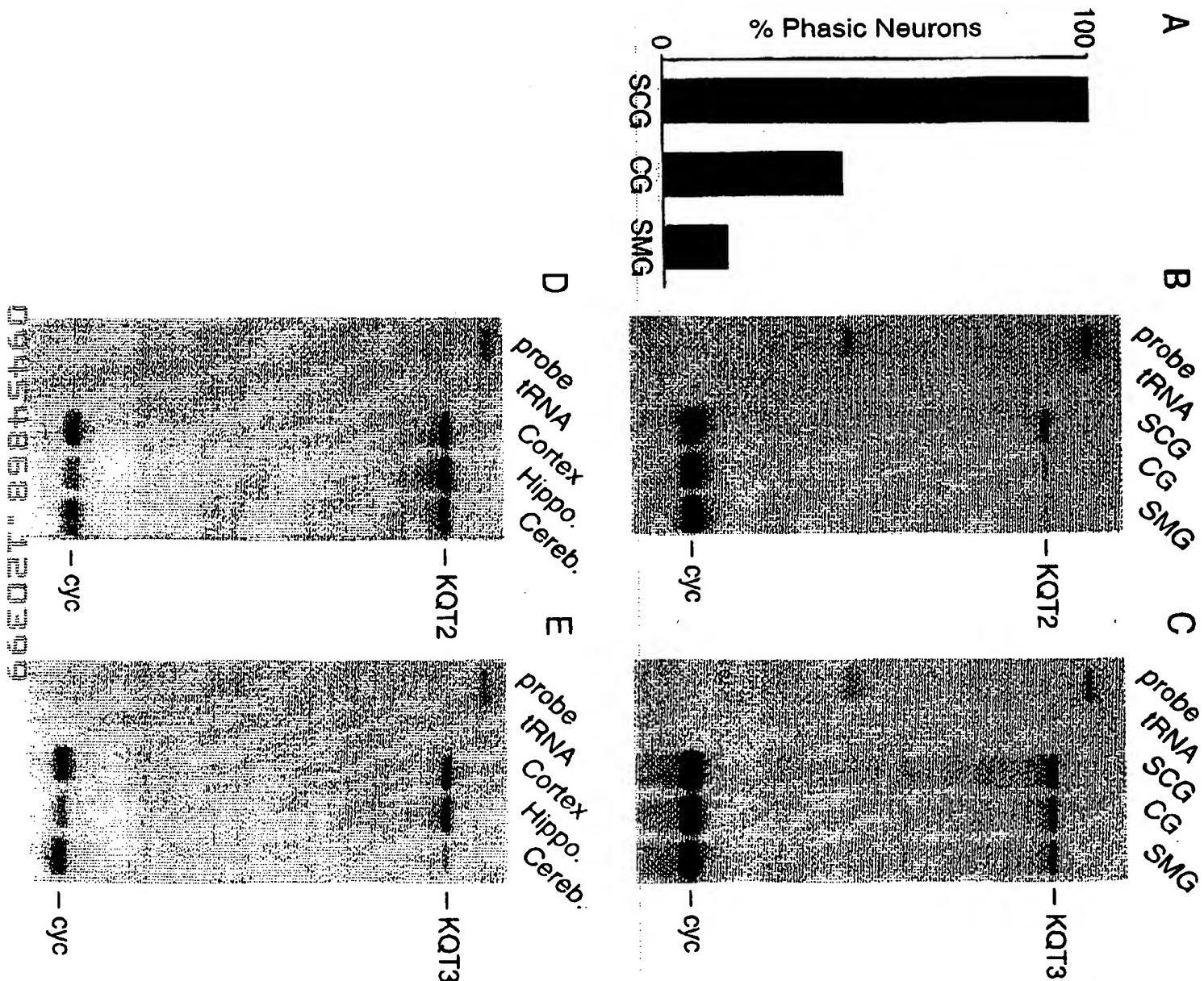
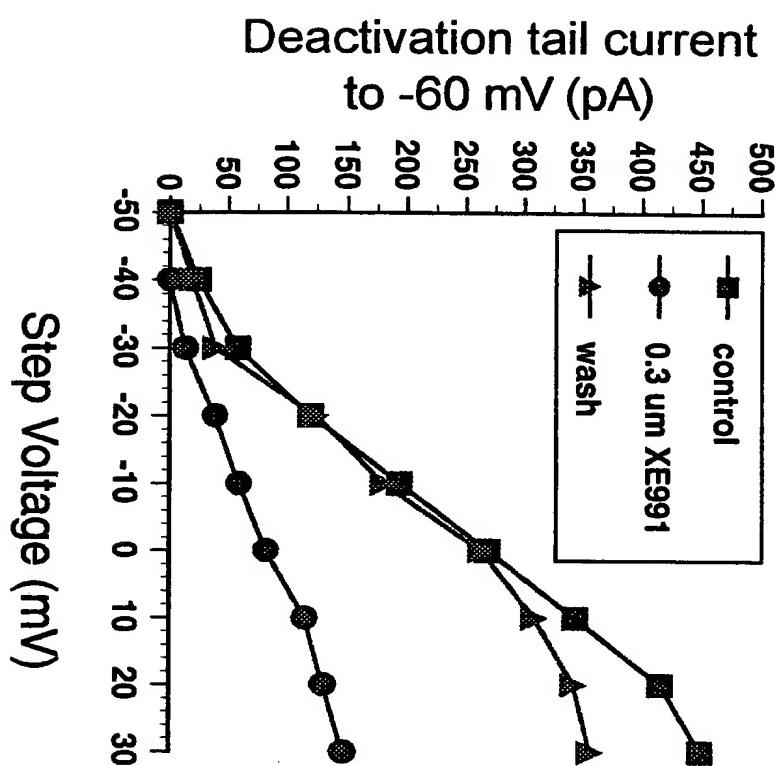


FIGURE 4



**Effect of 0.3  $\mu$ M XE991 on hKCNQ2  
expressed in HEK-293E cells**

**FIGURE 5**



# Effect of Linopirdine on Voltage-Dependent Changes in Fluorescence of HEK 293E Cells Expressing hKCNQ2

**FIGURE 6**

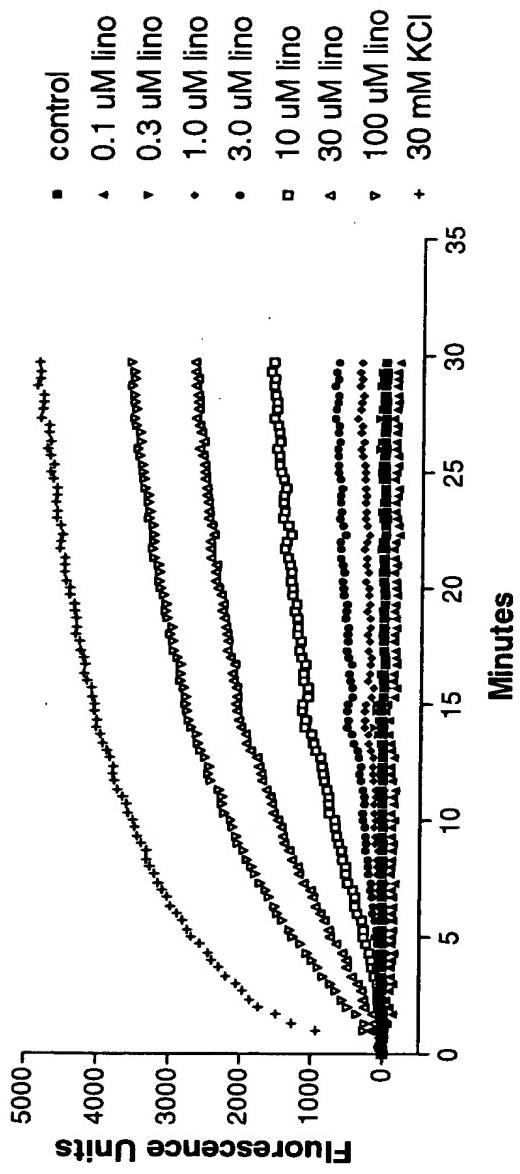


FIGURE 7

**Effect of Several Key KCNQ2 Modulators on Voltage-Dependent Changes in Fluorescence of HEK 293E Cells Expressing hKCNQ2**

